

## **Summary of Diseases Affecting Michigan Wildlife 2010**

### **ABSCCESS**

Articular

White-tailed Deer

Cardiac

White-tailed Deer

Cranial

White-tailed Deer

Dermal

White-tailed Deer

Gastric

White-tailed Deer

Hepatic

White-tailed Deer

Intramuscular

White-tailed Deer, Trumpeter Swan

Lymphatic

White-tailed Deer

Mammary Gland

White-tailed Deer

Muscular

White-tailed Deer

Oral

White-tailed Deer

Pulmonary

White-tailed Deer

Splenic

White-tailed Deer

**Abscess continued**

Subcutaneous

White-tailed Deer, Trumpeter Swan

**ACTINOMYCOSIS**

White-tailed Deer

**ANOMALY**

Congenital

White-tailed Deer, Trumpeter Swan

**ASCITES**

Hemorrhagic

Wolverine

Unspecified

White-tailed Deer

**ASPERGILLOSIS**

Bald Eagle, Herring Gull

**BLINDNESS**

Bald Eagle

**BOTULISM**

Type E

Bald Eagle, Common Loon, White-winged Scoter, Long-tailed Duck, Red-breasted Merganser, American Coot, Red-necked Grebe, Horned Grebe, Herring Gull, Ring-billed Gull

**BRONCHOPNEUMONIA**

Raccoon

**CARDIOMYOPATHY**

Degenerative

Moderate

Wolverine

## **CASEOGRANULOMAS**

Skeletal

Multifocal

Parasitic

White-tailed Deer

## **CATARACTS**

Bilateral

White-tailed Deer

## **CECITIS**

Hemorrhagic

White-tailed Deer

## **CESTODIASIS**

Larval

Disseminated

Eastern Fox Squirrel

## **CONGESTION**

Hepatic

Passive

Diffuse

Severe

Wolverine

Unspecified

Red-tailed Hawk

Nephritic

White-tailed Deer, Mute Swan

Passive

Wolverine

## **Congestion continued**

### **Pulmonary**

White-tailed Deer, Black Bear, Gray Wolf, Coyote, Red Fox, Bobcat, Striped Skunk, Bobcat, Striped Skunk, Raccoon, Porcupine, Big Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Red-tailed Hawk, Broad-winged Hawk, Mute Swan, Common Loon, Mallard, Blue-Winged Teal, Long-tailed Duck, Horned Grebe, Great Blue Heron, American Crow, Common Grackle, Blue Jay

### **Renal**

Peregrine Falcon, Red-tailed Hawk

### **Splenic**

White-tailed Deer, Mute Swan, American Crow

## **CYST**

### **Biliary**

#### **Multiple**

White-tailed Deer

### **Dermoid**

White-tailed Deer

### **Hepatic**

White-tailed Deer

## **CYSTICERCOSIS**

### **Cardiac**

*Taenia crassiceps*

Eastern Fox Squirrel, Squirrel

### **Hepatic**

*Taenia crassiceps*

Eastern Fox Squirrel, Squirrel

*Taenia hydatigena*

White-tailed Deer

### **Pulmonary**

*Echinococcus granulosus*

Moose, White-tailed Deer

*Taenia crassiceps*

Eastern Fox Squirrel, Squirrel

**Cysticercosis continued**

Splenic

Taenia crassiceps

Eastern Fox Squirrel, Squirrel

**DEHYDRATION**

White-tailed Deer, Bald Eagle, Red-tailed Hawk, Great Horned Owl, Barred Owl, Long-eared Owl, Wild Turkey

**DERMATITIS**

Bacterial (Staphylococcal)

Canada Goose

Proliferative

Black Bear

Pustular and Hyperkeratotic

Severe

White-tailed Deer

**DISORDER**

Metabolic

White-tailed Deer

**DISTEMPER**

Canine

Red Fox, Gray Fox, Raccoon

**DROWNING**

Bald Eagle, Osprey, Mute Swan, Common Loon, Mallard, Blue-winged Teal, Long-tailed Duck, Horned Grebe, Common Grackle

**EDEMA**

Pulmonary

White-tailed Deer, Black Bear, Gray Wolf, Gray Fox, Striped Skunk, Raccoon, Porcupine, Bald Eagle, Peregrine Falcon, Osprey, Red-tailed Hawk, Mute Swan, Common Loon, Mallard, Blue-winged Teal, Horned Grebe, Common Grackle

Subcutaneous

White-tailed Deer, Mute Swan

**ELECTROCUTION**

Coyote, Raccoon, Bald Eagle, American Crow

**ENCEPHALITIS**

Eastern Equine  
White-tailed Deer

Granulomatous and Necrotizing  
Multifocal  
White-tailed Deer

Lymphoplasmacytic  
Snowshoe Hare

**ENDOCARDITIS**

Vegetative  
Bald Eagle

**ENTERITIS**

Hemorrhagic  
Bacterial  
White-tailed Deer

Unspecified  
White-tailed Deer

Mucoid  
White-tailed Deer

Necrotic  
Chronic  
Mute Swan

Ulcerative  
Hemorrhagic  
Verminous  
Mute Swan

**ENTEROTOXEMIA** (*Clostridium perfringens*)

White-tailed Deer

**EPIZOOTIC HEMORRHAGIC DISEASE**

White-tailed Deer

**EXPOSURE**

Gray Wolf, Bald Eagle

**FASCIOLOIDIASIS**

Moose, White-tailed Deer

**FIBROSIS**

Hepatic

Periportal

Chronic

Rabbit

Myocardial

Mild

Bald Eagle

**FOLLICULITIS**

White-tailed Deer

**FURUNCULOSIS**

White-tailed Deer

**GASTRITIS (Abomasum)**

Hemorrhagic

White-tailed Deer

**GLIOSIS**

Snowshoe Hare

**GLOSSITIS**

Ulcerative

White-tailed Deer

**GOUT**

Visceral  
Rough-legged Hawk

**HEMATOMA**

Resolving  
Chronic  
Bald Eagle

**HEMORRHAGE**

Agonal  
White-tailed Deer

Myocardial  
Multifocal  
Peregrine Falcon

Pulmonary  
White-tailed Deer, Bobcat

**HEMOSIDEROSIS**

Splenic  
Common Grackle

**HEPATITIS**

Bacterial  
Bald Eagle

Granulomatous  
Multifocal  
Blue Jay

Heterophilic & Granulomatous (Verminous)  
Wild Turkey

Heterophilic & Lymphoplasmacytic  
Bald Eagle

Necrotizing  
Bacterial  
Canada Goose



**Hepatitis continued**

## Parasitic

Fascioloides magna

White-tailed Deer

**HERNIA**

Abdominal

White-tailed Deer

Diaphragmatic

White-tailed Deer

**HERPESVIRUS**

MDF-Like Ruminant Gamma

White-tailed Deer

**HYDROTHORAX**

Hemorrhagic

Wolverine

**HYPERPLASIA**

Biliary

Marked

Rabbit

**INFECTION**

Bacterial

White-tailed Deer

Dermal

Bacterial

Peregrine Falcon

Yeast (Dermatophylosis)

White-tailed Deer

**INFESTATION**

Tick

Dermacentor variabilis

Gray Wolf

**Infestation continued**

Haemaphysalis sp.  
Cottontail Rabbit

Ixodes sp.  
Cottontail Rabbit

**INSUFFICIENCY**

Respiratory  
White-tailed Deer

**INTOXICATION**

Alcohol (Grapes)  
Cedar waxwing

**KERATITIS**

Fungal (Unilateral)  
White-tailed Deer

**LIPIDOSIS**

Hepatic  
White-tailed Deer

**LOSS**

Feather  
American Crow

Hair  
White-tailed Deer

**LYMPHADENITIS**

Caseogranulomatous  
White-tailed Deer

**MALACIA**

Focal  
Snowshoe hare

**MALNUTRITION**

White-tailed Deer, Black Bear, Gray Wolf, Red Fox, Eastern Fox Squirrel, Bald Eagle, Red-tailed Hawk, Rough-legged Hawk, Snowy Owl, Great Horned Owl, Long-eared Owl, Short-eared Owl, Trumpeter Swan, Mute Swan, Common Loon, Herring Gull, Wild Turkey

**MANGE**

Notoedric

Eastern Gray Squirrel

Sarcoptic

Black Bear, Gray Wolf, Red Fox

**MASTITIS**

Acute

Severe

White-tailed Deer

Suppurative

Focal

White-tailed Deer

**MENINGITIS**

Cerebral (Bacterial)

Subacute

Mild

White-tailed Deer

Suppurative

Mild

Moose

**MENINGOENCEPHALITIS**

Lymphoplasmacytic

Focal

Moose

Moderate

White-tailed Deer

Subacute

Porcupine

**Meningoencephalitis continued**

Suppurative  
Moderate  
Elk

**METRITIS**

White-tailed Deer

**MYIASIS**

Bald Eagle

**NECROSIS**

Fibrinoid  
Arterial  
Marked  
Bald Eagle

Hepatocellular  
Bald Eagle

**NEMATODIASIS**

Abdominal  
*Ascaridia bonasae*  
Ruffed Grouse

Hepatic  
*Capillaria* sp  
Bald Eagle

Intestinal  
*Ascaridia bonasae*  
Ruffed Grouse

Intrabronchial  
*Oslerus Osleri*  
Gray Wolf

**NEPHRITIS**

Lymphoplasmacytic  
Multifocal  
Mild  
Raccoon

**NEPHROSIS**

Tubular  
Renal  
Bald Eagle

**PERICARDITIS**

Bacterial  
White-tailed Deer

Egg Yolk  
Red-tailed Hawk

Fibrinous  
Chronic  
White-tailed Deer

Fibrinous and Necrotic  
Mute Swan

**PLEURITIS**

Fibrinous  
Acute  
White-tailed Deer

Chronic  
Bacterial  
White-tailed Deer

Unspecified  
White-tailed Deer, Gray Wolf

Unspecified  
White-tailed Deer, Coyote

## **PNEUMONIA**

Acute

White-tailed Deer

Aspiration

White-tailed Deer

Bacterial

Interstitial

Raccoon

Unspecified

Raccoon

Eosinophilic and Granulomatous

Chronic – Active

White-tailed Deer

Interstitial

Mild

White-tailed Deer, Raccoon

Mild to Minimal

White-tailed Deer

Unspecified

White-tailed Deer, Gray Fox

Suppurative

Chronic

White-tailed Deer

Unspecified

White-tailed Deer, Bobcat

## **POISONING**

Iron

Peregrine Falcon, Trumpeter Swan, Common Loon

Lead

Acute

Bald Eagle

Chronic

Bald Eagle, Trumpeter Swan, Mute Swan, Common Loon

**Poisoning continued**

Pentobarbital

Bald Eagle

Phenytoin

Bald Eagle

Selenium

Bald Eagle, Common Loon

Theobromine and Caffeine (Chocolate)

Black Bear

**POX**

Avian

Cutaneous

Wild Turkey

Diphtheritic

Wild Turkey

Squirrel

Eastern Fox Squirrel

**PYELITIS**

Lymphoplasmacytic

Moderate

Raccoon

**RABIES**

Red Fox, Striped Skunk

**RUPTURE**

Lens (Unilateral)

White-tailed Deer

**SEPTICEMIA**

Bacterial

Acute

Bald Eagle

**Septicemia continued**

Peracute

Common Loon

Unspecified

White-tailed Deer, Bald Eagle, Common Loon

Staphylococcal

Canada Goose

**SINUSITIS**

Purulent

White-tailed Deer

**STARVATION**

Cooper's Hawk, Barred Owl

**STRESS**

Abandonment

White-tailed Deer

Due to Capture

Black Bear

Due to Handling

Black Bear, Peregrine Falcon

Snare

Black Bear, Gray Wolf

Trap

Bobcat, Bald Eagle

Unspecified

White-tailed Deer

**SUFFOCATION**

Gray Wolf, Bald Eagle, Wild Turkey



## **THROMBOSIS**

Fibrinoid  
Arterial  
Marked  
Bald Eagle

## **TOXICITY**

Corn  
White-tailed Deer

## **TRAUMA**

Moose, Elk, White-tailed Deer, Sika Deer, Black Bear, Gray Wolf, Coyote,  
Red Fox, Gray Fox, Bobcat, River Otter, American Marten, Mink, Beaver, Raccoon, Porcupine,  
Cottontail Rabbit, Eastern Gray Squirrel, Red Squirrel, Big Brown Bat, Bald Eagle,  
Peregrine Falcon, Red-tailed Hawk, Broad-winged Hawk, Cooper's Hawk, Sharp-shinned  
Hawk, Great Horned Owl, Barred Owl, Long-eared Owl, Saw-whet Owl, Trumpeter  
Swan, Mute Swan, Common Loon, Red-breasted Merganser, Great Blue  
Heron, Sandhill Crane, Wild Turkey, Ruffed Grouse, American Crow, Cedar Waxwing

## **TREMATODIASIS**

Hepatic  
Bald Eagle

## **TUBERCULOSIS**

Bovine  
White-tailed Deer

## **TUBULES**

Nephritic  
Mineralized  
Bald Eagle

## **TUMOR**

Cortical  
Adrenal  
White-tailed Deer

Fibroma  
White-tailed Deer

**Tumor continued**

Papilloma

Oral

Coyote

**ULCERATION**

Ocular

White-tailed Deer

**VENTRICULITIS**

Suppurative (Bacterial)

Marked

Elk